

Data File : VU032616.D
Acq On : 11 Jun 2019 17:44
Operator : JC/SP
Sample : K3292-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8Q2

Quant Time: Jun 12 07:32:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	171504	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	161432	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81099	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44165	39.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.38%
7) Chloroethane-d5	1.68	69	39001	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.24%
11) 1,1-Dichloroethene-d2	2.27	63	70195	32.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.44%
21) 2-Butanone-d5	4.17	46	97642	104.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.86%
24) Chloroform-d	4.64	84	99918	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
26) 1,2-Dichloroethane-d4	5.30	65	67601	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
32) Benzene-d6	5.33	84	196806	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
36) 1,2-Dichloropropane-d6	6.32	67	64966	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.88%
41) Toluene-d8	7.56	98	180801	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	28357	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.31	63	55591	87.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96999	50.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	78357	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%

Target Compounds

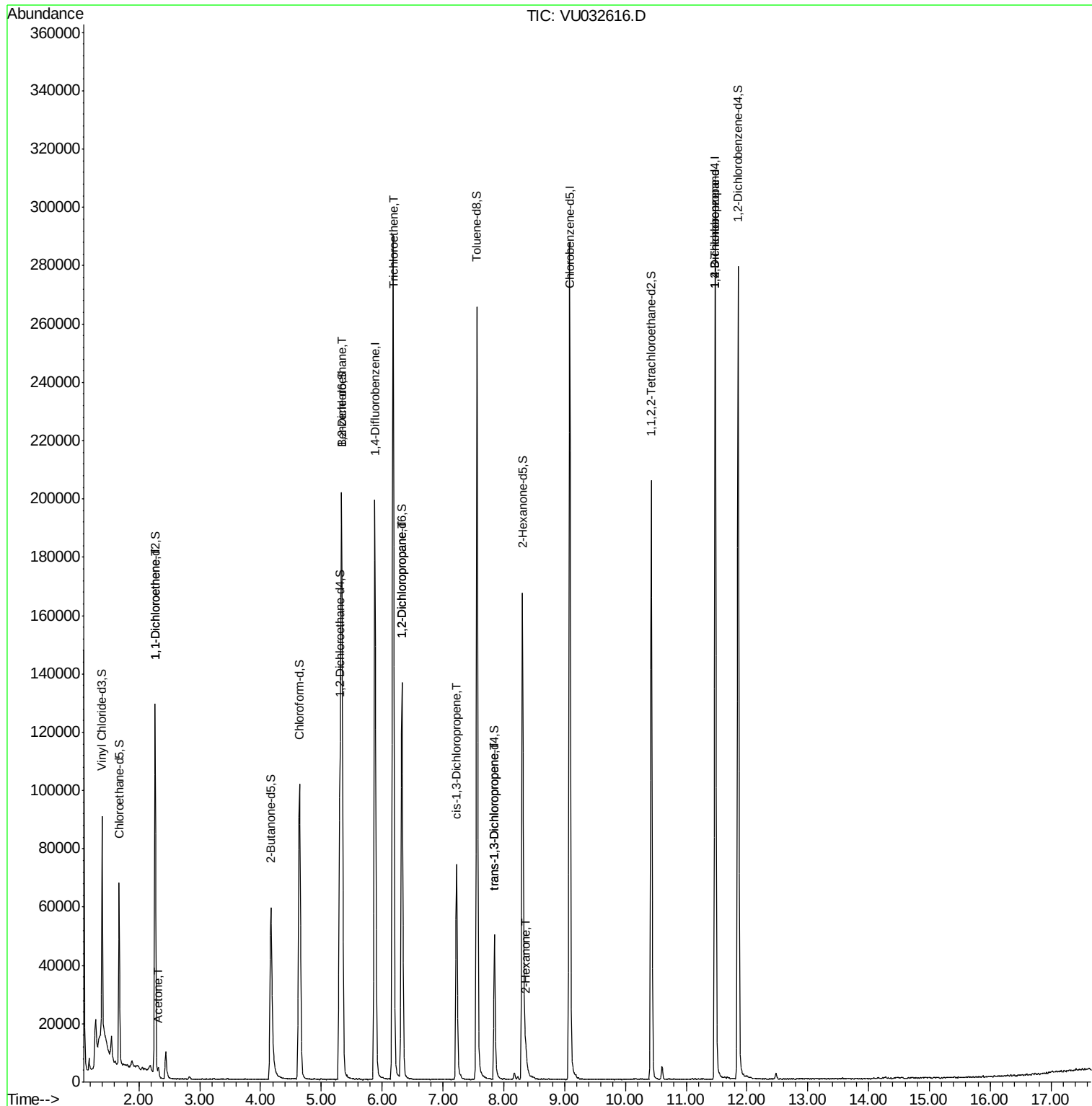
					Qvalue
12) 1,1-Dichloroethene	2.27	96	571	0.561 ug/L #	1
13) Acetone	2.32	43	3082	3.208 ug/L	92
27) 1,2-Dichloroethane	5.33	62	990	0.604 ug/L #	75
34) Trichloroethene	6.18	95	96816	78.457 ug/L	99
37) 1,2-Dichloropropane	6.32	63	7243	6.024 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2065	1.089 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1288	0.765 ug/L #	82
48) 2-Hexanone	8.37	43	4798	3.020 ug/L #	50
59) 1,2,3-Trichloropropane	11.48	75	9568	6.121 ug/L	90

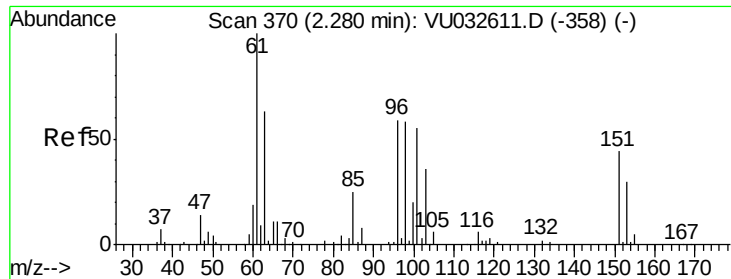
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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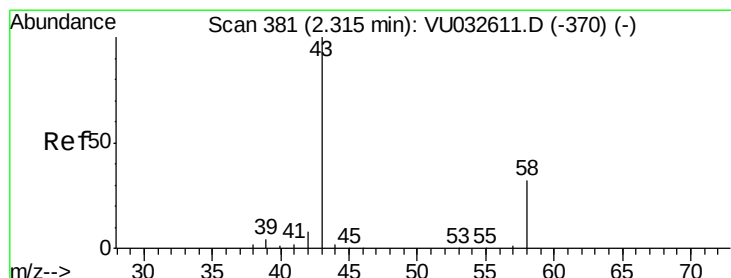
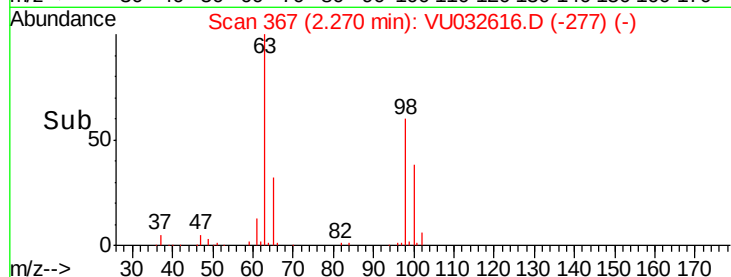
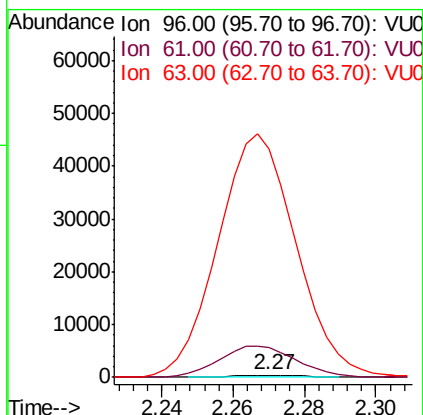
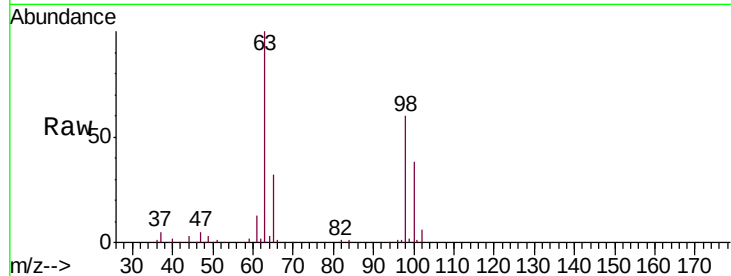




#12
 1,1-Dichloroethene
 Concen: 0.561 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU032616.D
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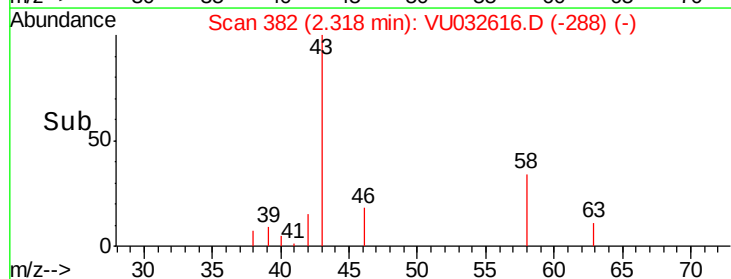
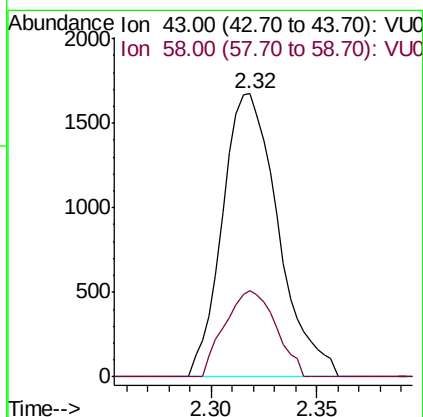
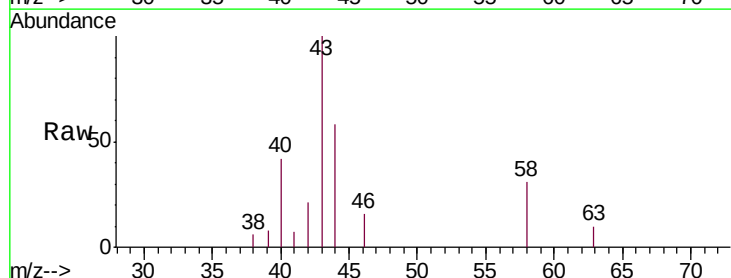
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q2

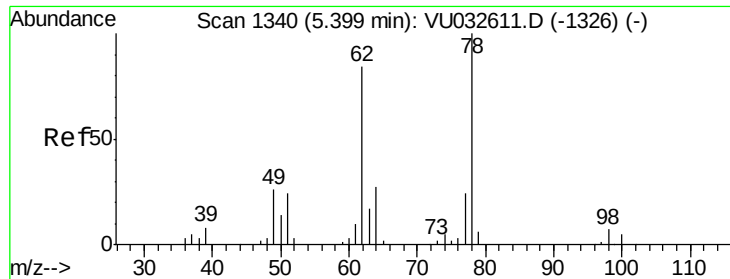
Tgt Ion: 96 Resp: 571
 Ion Ratio Lower Upper
 96 100
 61 1488.3 129.5 240.5#
 63 11497.9 103.4 192.0#



#13
 Acetone
 Concen: 3.208 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032616.D
 Acq: 11 Jun 2019 17:44

Tgt Ion: 43 Resp: 3082
 Ion Ratio Lower Upper
 43 100
 58 27.8 0.0 64.0

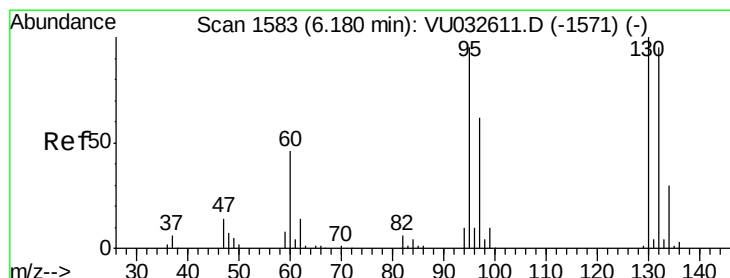
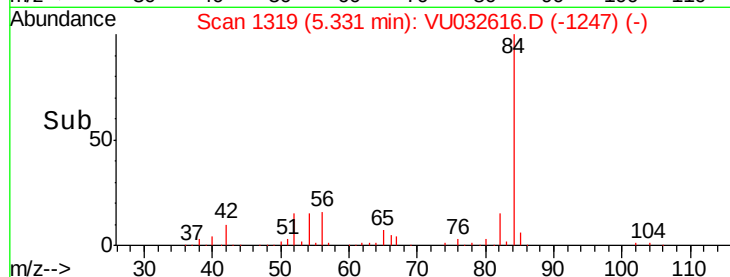
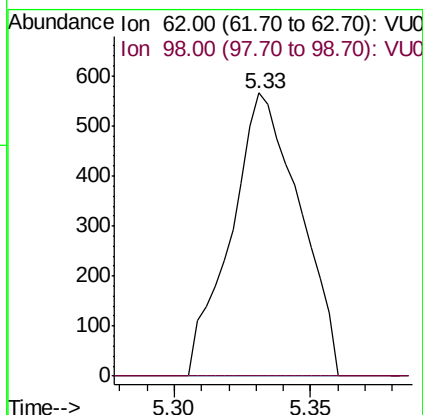
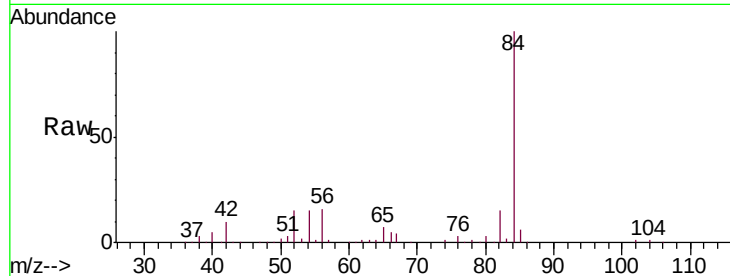




#27
 1,2-Dichloroethane
 Concen: 0.604 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.07 min
 Lab File: VU032616.D
 Acq: 11 Jun 2019 17:44

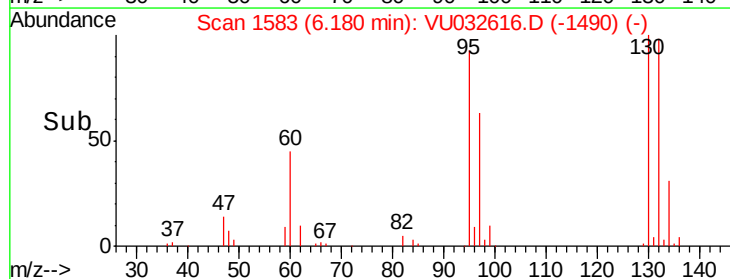
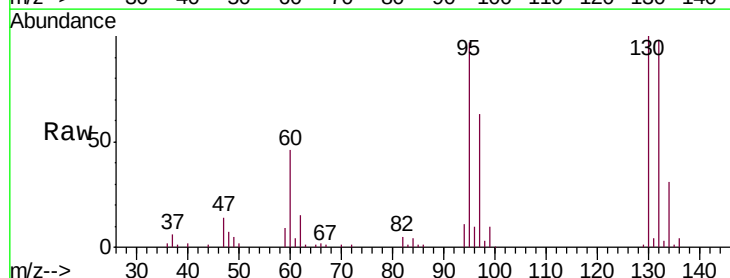
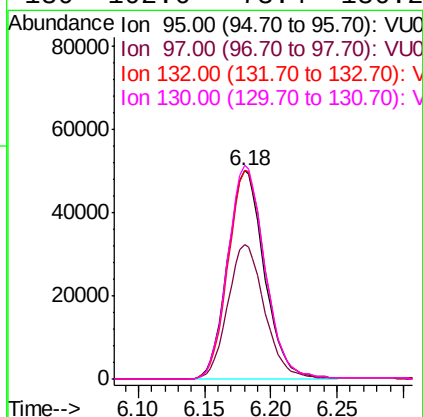
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q2

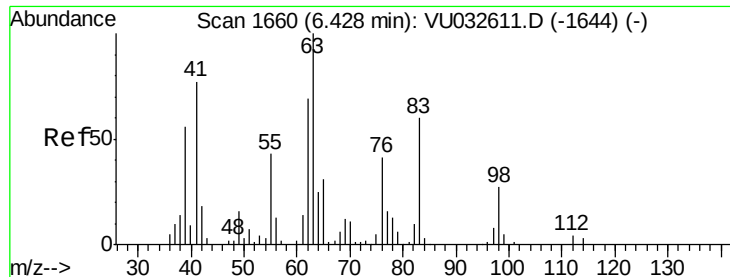
Tgt Ion: 62 Resp: 990
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#34
 Trichloroethene
 Concen: 78.457 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU032616.D
 Acq: 11 Jun 2019 17:44

Tgt Ion: 95 Resp: 96816
 Ion Ratio Lower Upper
 95 100
 97 64.6 45.8 85.2
 132 100.5 71.0 131.8
 130 102.6 73.4 136.2

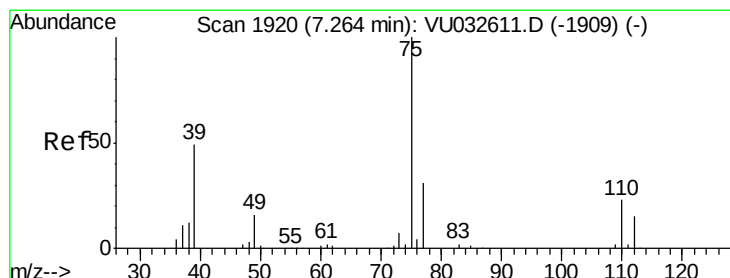
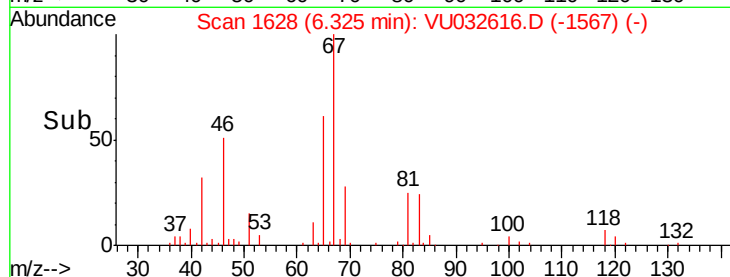
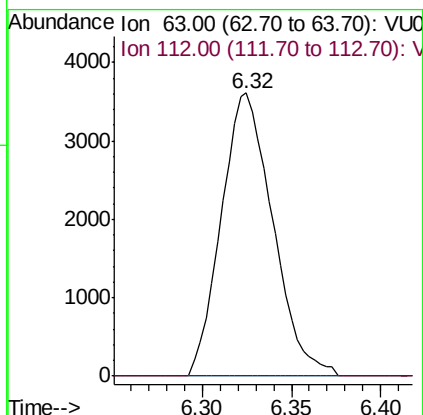
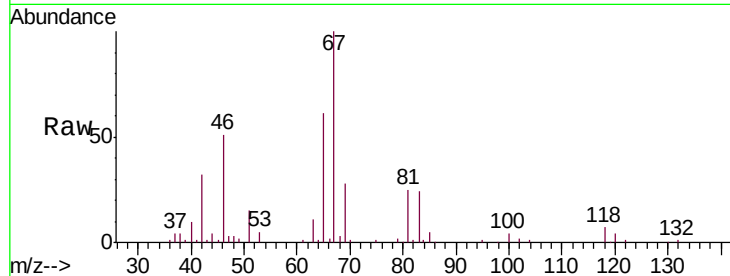




#37
 1,2-Dichloropropane
 Concen: 6.024 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032616.D
 Acq: 11 Jun 2019 17:44

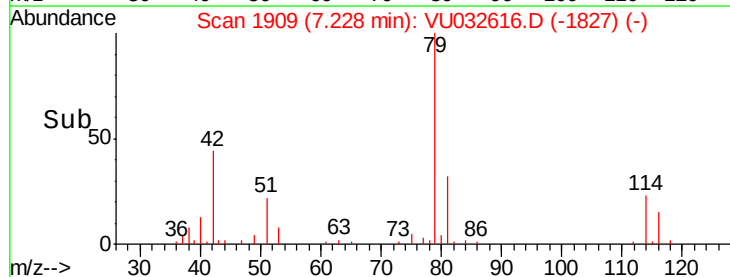
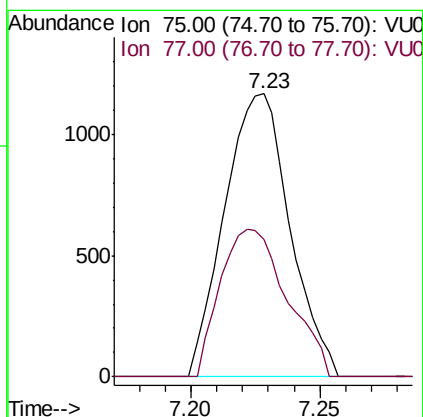
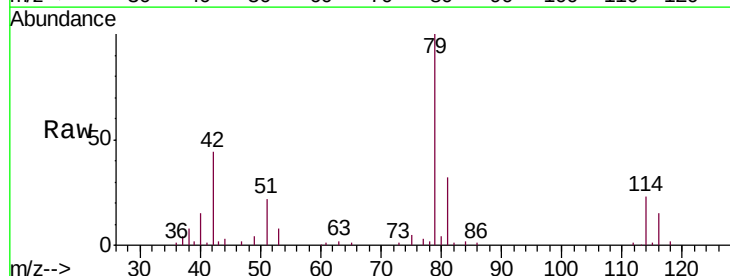
Instrument :
 MSVOA_U
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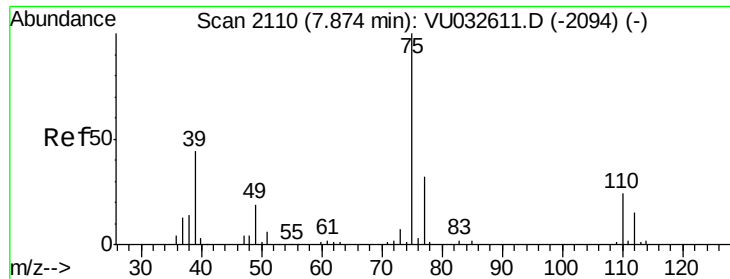
Tgt Ion: 63 Resp: 7243
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.089 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032616.D
 Acq: 11 Jun 2019 17:44

Tgt Ion: 75 Resp: 2065
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.0 41.0#

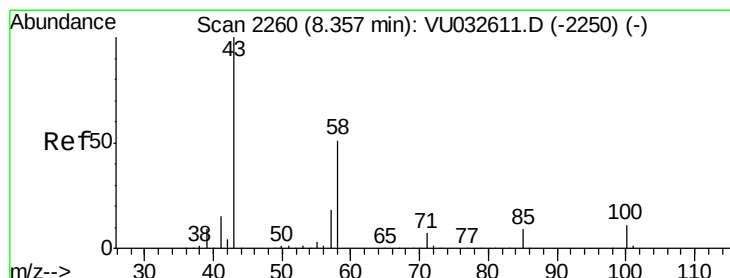
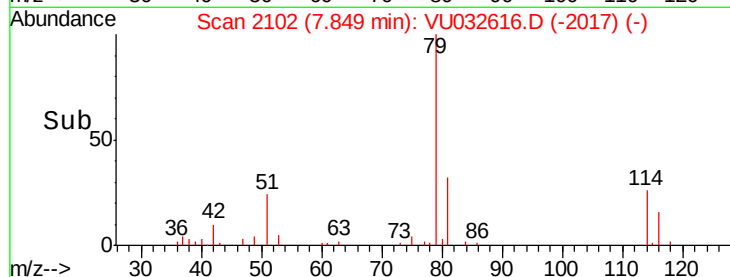
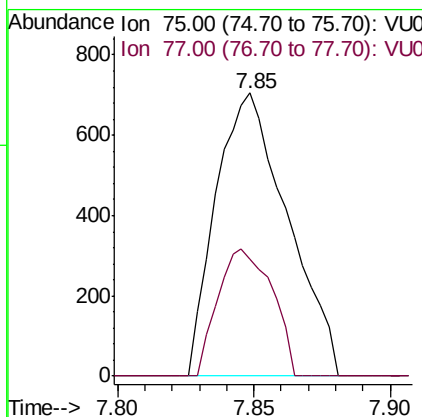
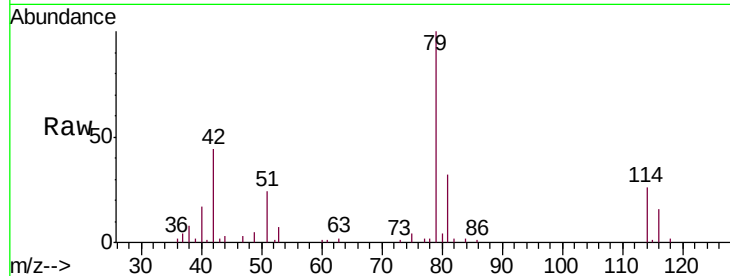




#44
trans-1,3-Dichloropropene
Concen: 0.765 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032616.D
Acq: 11 Jun 2019 17:44

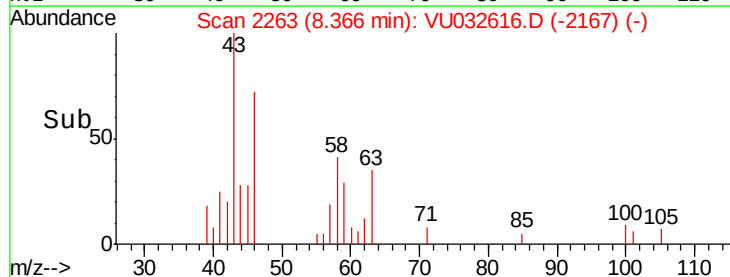
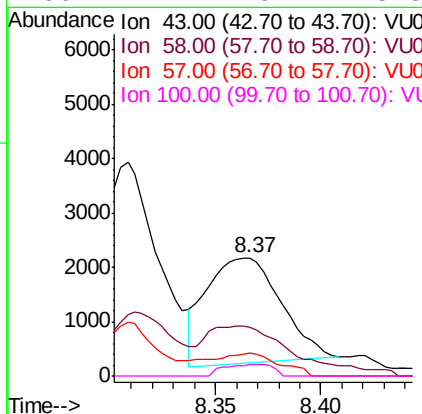
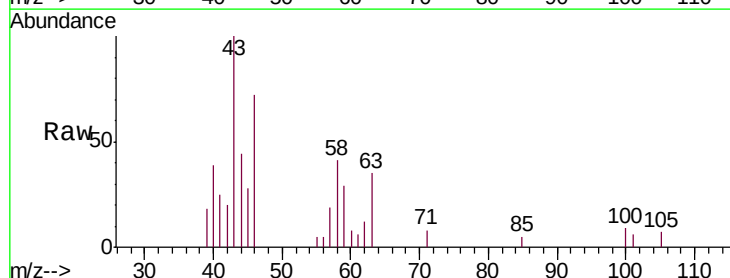
Instrument :
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ClientSampleId :
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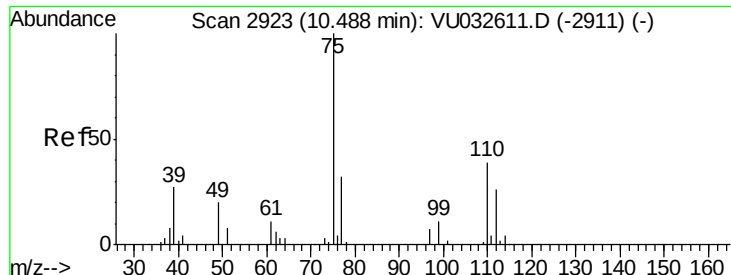
Tgt Ion: 75 Resp: 1288
Ion Ratio Lower Upper
75 100
77 41.4 22.1 41.1#



#48
2-Hexanone
Concen: 3.020 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032616.D
Acq: 11 Jun 2019 17:44

Tgt Ion: 43 Resp: 4798
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 15.5 14.6 22.0
100 7.2 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.121 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032616.D
 Acq: 11 Jun 2019 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q2

Tgt Ion: 75 Resp: 9568
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.6 38.4

